Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW051822\
Data File : VW023140.D
Acq On : 18 May 2022 18:35
Operator : SY/VA
Sample : VSTDCCC025
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTD025539

Quant Time: May 19 01:25:53 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM050222SMA.M
Quant Title : SFAM01.0
QLast Update : Thu May 19 01:20:33 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.841	114	326376	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	314780	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	159622	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.349	65	159334	23.795	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 95.200%			
7) Chloroethane-d5	2.879	69	112067	25.725	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 102.920%			
11) 1,1-Dichloroethene-d2	4.019	63	188676	21.807	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 87.240%			
21) 2-Butanone-d5	7.080	46	76260	59.899	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 119.800%			
24) Chloroform-d	7.647	84	264314	27.642	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 110.560%			
26) 1,2-Dichloroethane-d4	8.305	65	147486	28.122	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 112.480%			
32) Benzene-d6	8.275	84	509138	28.061	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 112.240%			
36) 1,2-Dichloropropane-d6	9.274	67	145254	28.500	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 114.000%			
41) Toluene-d8	10.323	98	474844	27.092	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 108.360%			
43) trans-1,3-Dichloroprop...	10.579	79	61368	26.151	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 104.600%			
47) 2-Hexanone-d5	10.920	63	60677	62.365	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 124.720%			
56) 1,1,2,2-Tetrachloroeth...	12.688	84	142517	30.001	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 120.000%			
66) 1,2-Dichlorobenzene-d4	13.853	152	162685	29.156	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 116.640%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.007	85	42986	24.160	ug/L	94
3) Chloromethane	2.215	50	78271	22.766	ug/L	97
5) Vinyl chloride	2.361	62	132482	19.201	ug/L	97
6) Bromomethane	2.776	94	81028	18.290	ug/L	89
8) Chloroethane	2.922	64	70479	21.178	ug/L	94
9) Trichlorofluoromethane	3.251	101	51192	16.233	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	4.062	101	103403	21.928	ug/L	97
12) 1,1-Dichloroethene	4.044	96	86735	20.749	ug/L	88
13) Acetone	4.123	43	39329	41.261	ug/L	100
14) Carbon disulfide	4.385	76	173266	15.119	ug/L	99
15) Methyl Acetate	4.665	43	48079	25.107	ug/L	95
16) Methylene chloride	4.915	84	103847	21.745	ug/L	94
17) trans-1,2-Dichloroethene	5.427	96	98230	20.882	ug/L	95
18) Methyl tert-butyl Ether	5.427	73	186257	25.937	ug/L	100
19) 1,1-Dichloroethane	6.214	63	186943	23.448	ug/L	97
20) cis-1,2-Dichloroethene	7.165	96	118455	23.444	ug/L #	95
22) 2-Butanone	7.171	43	66162	49.633	ug/L	100
23) Bromochloromethane	7.512	128	56863	24.031	ug/L	95
25) Chloroform	7.677	83	216365	24.543	ug/L	98

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Quant Title : SFAM01.0
QLast Update : Thu May 19 01:20:33 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.403	62	141651	24.104	ug/L	100
29) Cyclohexane	7.951	56	133917	19.671	ug/L	97
30) 1,1,1-Trichloroethane	7.872	97	173573	23.333	ug/L	99
31) Carbon tetrachloride	8.067	117	153666	22.083	ug/L	98
33) Benzene	8.323	78	437741	23.606	ug/L	100
34) Trichloroethene	9.091	95	114456	22.443	ug/L	98
35) Methylcyclohexane	9.335	83	164457	19.630	ug/L	99
37) 1,2-Dichloropropane	9.366	63	107699	24.000	ug/L	99
38) Bromodichloromethane	9.646	83	151925	23.835	ug/L	95
39) cis-1,3-Dichloropropene	10.073	75	160109	23.010	ug/L	97
40) 4-Methyl-2-pentanone	10.207	43	149019	52.685	ug/L	98
42) Toluene	10.384	91	479921	23.093	ug/L	98
44) trans-1,3-Dichloropropene	10.603	75	150072	24.163	ug/L	98
45) 1,1,2-Trichloroethane	10.786	97	95935	25.573	ug/L	97
46) Tetrachloroethene	10.859	164	82881	21.626	ug/L	94
48) 2-Hexanone	10.969	43	98843	52.301	ug/L	98
49) Dibromochloromethane	11.128	129	111110	24.609	ug/L	96
50) 1,2-Dibromoethane	11.237	107	91683	24.339	ug/L	92
51) Chlorobenzene	11.658	112	326373	23.822	ug/L	99
52) Ethylbenzene	11.731	91	550695	23.819	ug/L	99
53) m,p-Xylene	11.835	106	211341	23.199	ug/L	95
54) o-Xylene	12.164	106	211600	24.205	ug/L	98
55) Styrene	12.176	104	363564	24.475	ug/L	97
57) 1,1,2,2-Tetrachloroethane	12.713	83	123361	26.328	ug/L	95
59) Bromoform	12.353	173	63216	27.945	ug/L	98
60) Isopropylbenzene	12.463	105	587982	26.888	ug/L	99
61) 1,2,3-Trichloropropane	12.768	75	89099	27.936	ug/L	99
62) 1,3,5-Trimethylbenzene	12.944	105	312099	25.654	ug/L	100
63) 1,2,4-Trimethylbenzene	13.249	105	449330	24.598	ug/L	100
64) 1,3-Dichlorobenzene	13.499	146	243719	24.963	ug/L	94
65) 1,4-Dichlorobenzene	13.578	146	250576	24.848	ug/L	98
67) 1,2-Dichlorobenzene	13.871	146	232191	25.989	ug/L	92
68) 1,2-Dibromo-3-chloropr...	14.481	75	18435	26.447	ug/L	95
69) 1,3,5-Trichlorobenzene	14.627	180	151301	23.346	ug/L	98
70) 1,2,4-trichlorobenzene	15.127	180	126683	24.301	ug/L	95
71) Naphthalene	15.365	128	317624	28.032	ug/L	100
72) 1,2,3-Trichlorobenzene	15.548	180	117024	25.328	ug/L	95

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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